

Listing of Claims:

Claims 1-11 (canceled).

Claim 12 (previously presented): A multiband antenna array for a mobile radio equipment, comprising:

a planar patch antenna having a plurality of resonances and is further coupled to a ground connection and to a high-frequency interface; and

a plurality of parasitic transmitters, wherein said transmitters are located marginal to the planar patch antenna and are each embodied so as to be free of a high-frequency interface, wherein the parasitic transmitters are arranged as line-type conductor structures, whereas the structures of the planar patch antenna are arranged as sheet-type conductor structures.

Claim 13 (previously presented): The multiband antenna array according to claim 12, wherein at least one parasitic transmitter is provided with a connection to ground.

Claim 14 (previously presented): The multiband antenna array according to claim 12, wherein the plurality of parasitic transmitters are provided with a shared connection to ground.

Claim 15 (previously presented): The multiband antenna array according to claim 12, wherein at least one parasitic transmitter is free of connections to ground.

Claim 16 (previously presented): The multiband antenna array according to claim 12, wherein the plurality of parasitic transmitters are arranged on opposite sides of the planar patch antenna.

Claim 17 (previously presented): The multiband antenna array according to claim 15, wherein the plurality of parasitic transmitters are located on adjacent sides of the planar patch antenna.

Claim 18 (previously presented): The multiband antenna array according to claim 12, wherein at least one parasitic transmitter extends at least partially over two adjacent sides of the planar patch antenna.

Claim 19 (previously presented): The multiband antenna array according to claim 12, wherein at least one parasitic transmitter extends at least partially over three adjacent sides of the planar patch antenna.

Claim 20 (previously presented): The multiband antenna array according to claim 12, wherein at least one parasitic transmitter extends at least partially over four sides of the planar patch antenna.

Claim 21 (previously presented): The multiband antenna array according to claim 12, wherein the planar patch antenna and the parasitic transmitters are arranged in a plane.

Claim 22 (previously presented): The multiband antenna array according to claim 12, wherein at least one parasitic transmitter has a spatial extension, emerging perpendicularly out of the plane of the planar patch antenna.